SYSTEM AND METHOD FOR DISTRIBUTED FUNCTION DISCOVERY IN A PEER-TO-PEER NETWORK ENVIRONMENT

ABSTRACT OF THE DISCLOSURE

5   A system and method for distributed function discovery with third party responses in a peer-to-peer network to facilitate efficient use of bandwidth and resources are disclosed. The method for facilitating distributed function discovery in a peer-to-peer network generally comprises receiving a broadcast request for a service function from a peer client at a peer server, locating information regarding a location remote to the peer

10   server having the requested service function using a stored list of service functions locally stored at the peer server, and responding to the peer client with a response containing the location remote to the peer server if information on the requested service function is located.